Crestron SmarTouch™ TPS-1700

5.7" Compact Touchpanel

The TPS-1700 is a very compact and stylish tabletop touchpanel featuring a brilliant 5.7" active matrix touchscreen and optional pushbuttons. Isys color graphics and a wired Cresnet connection combine to deliver a low-profile, space-efficient control solution with exceptional graphics capabilities and performance.

SmarTouch—A SmarTouch touchpanel offers an ideal user-interface for controlling home theater, boardroom AV and a host of other applications, providing a wide-open canvas for the creation of custom control screens tailored to the user's unique needs and tastes. Incredibly compact and portable, the SmarTouch touch-panel does away with piles of remotes and cryptic control panels, affording true "one-touch" control over a broad range of complex devices and systems.

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics with lightning-fast performance and incredible versatility. The 32-bit Motorola ColdFire® Microprocessor combines with an ingenious and ultra efficient operating system to support high-resolution graphics and images, dynamic text, animations, multimode objects (buttons, frames, gauges, and sliders), subpages, and more.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The TPS-1700 includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. Custom engraving of the pushbuttons may be attained easily using Crestron Engraver software.

Cresnet®—Cresnet connectivity provides a single-cable connection to the control system, delivering reliable wired performance with fully bidirectional communication to support true-feedback, dynamic text, and animation capabilities.

Portable Tabletop Design—The TPS-1700 features a sleek, contoured design optimized for tabletop use. Its compact size and single cable connection make it easy to disconnect and relocate for portable applications.

> 5.7" Active Matrix Touchscreen Display | 320 x 240 Resolution

> Isys Graphics Engine | Synapse Image Rendering Algorithm

> 10 Quick-Touch Pushbuttons (optional) | Audible "Key Click"

> Cresnet Communications | Single-Cable Connection

> Lightweight Contoured Design for Tabletop and Handheld Use

SPECIFICATIONS

Touchscreen Display

Display Type: Active matrix color LCD
Size: 5.7 inch (14.5 cm) diagonal
Resolution: 320 x 240 pixels
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Processor

CPU: 32-bit Motorola ColdFire® Microprocessor
Processing Speed: 63 MIPS (Dhrystone 2.1 benchmark)

Memory

4MB flash, 8MB DRAM

Graphic Engine

Isys engine, 16 Bit non-palette graphics, 65,536 colors, Synapse image rendering algorithm

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit, included

Connectors

NET: (1) 6-pin RJ11 female
Connects to CNRJ11 interface module (included) via 12 foot modular cable provided

Power Requirements

Cresnet Power Usage: 10 Watts (0.42 Amp @ 24 Volts DC)

Environmental

Temperature: 50° to 113°F (10° to 45°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

High impact black/silver injection-molded case

Dimensions

Height: 3.85 in (9.78 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.51 in (14.00 cm)

Weight

1.85 lbs (0.84 kg)

SPECIFICATIONS for CNRJ11 Interface Module (included with TPS-1700):

Connectors

NET: (1) 4-pin 5mm detachable terminal block
Connects to Cresnet control network

NET: (1) 6-pin RJ11 female
Connects to touchpanel via 12 foot modular cable provided

LED Indicators

PWR: (Green) indicates that 24VDC Cresnet power is present

Enclosure

Black metal, surface mount box with (2) integral mounting flanges

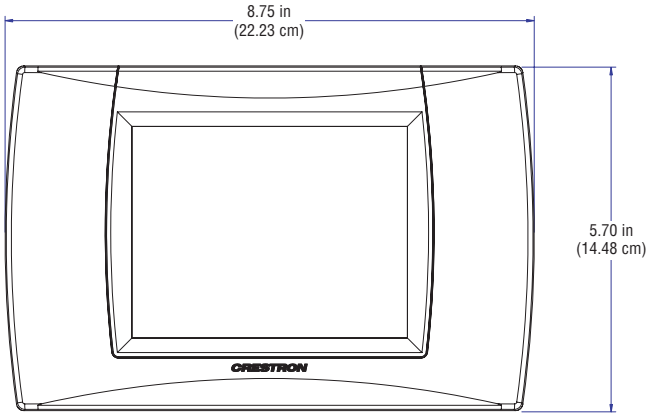
Dimensions

Height: 1.24 in (3.14 cm)
Width: 3.25 in (8.26 cm)
Depth: 2.00 in (5.08 cm)

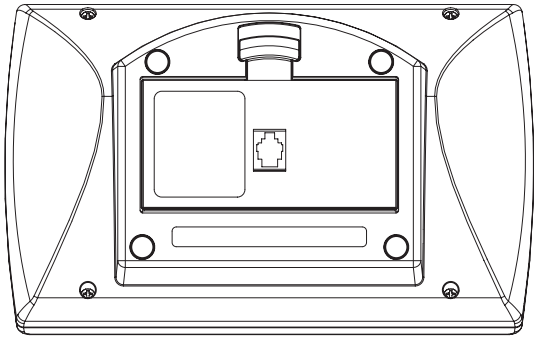
Weight

0.3 lb (0.15 kg)

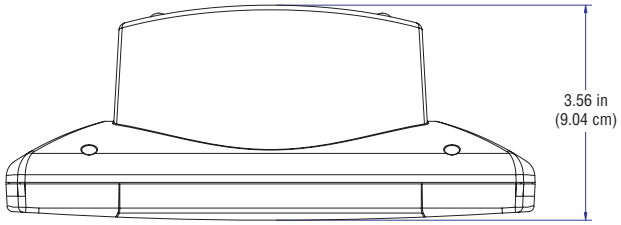
Crestron SmarTouch™ TPS-1700 5.7" Compact Touchpanel



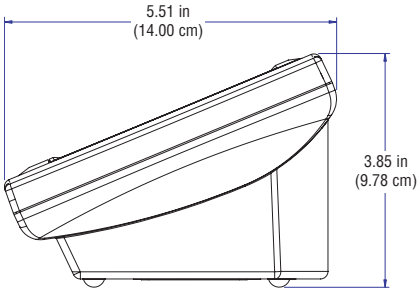
TPS-1700 Touchpanel – Top View (face up)



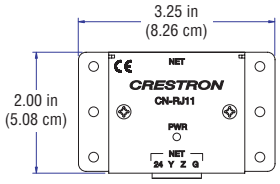
TPS-1700 Touchpanel – Bottom View



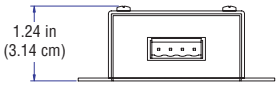
TPS-1700 Touchpanel – Rear View (face down)



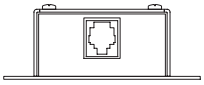
TPS-1700 Touchpanel – Right Side View



CNRJ11 Interface Module – Top View

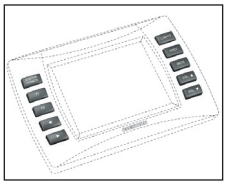


CNRJ11 Interface Module – Front View

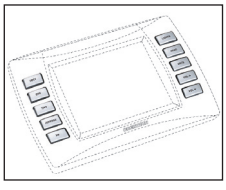


CNRJ11 Interface Module – Rear View

AVAILABLE ACCESSORIES



1700C-BTNB
Set of 10 Black Button Caps with Engraving



1700C-BTNS
Set of 10 Silver Button Caps with Engraving

CNRJ11
Interface Module (1 included)

TPS-1700
Shown with
Quick-Touch Buttons
(engraving not included)

Crestron Electronics, Inc. 15 Volvo Drive | Rockleigh, NJ 07647
Tel: 800.237.2041 / 201.767.3400 | Fax: 201.767.1905
www.crestron.com

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Specifications subject to change without notice. Doc.6153A 03/05